SBRM. 105/16-17
28-10-16

Original/Duplicate/Triplicate

P.W.G. 47 2nd and final bill

CONTRACT CERTIFICATE

Reference paras 158 & 170

Division Yelahanka

Sub division Yelahanka New Town Date

Bills received No YNK-DBR No. 228 Date 28.10.16

Sub-divisional Cash book vr No

Divisional Date

Scheduled Docket No

Head of account

Name of work(as per sanctioned estimate) :-

NAME OF WORK :Improvements to Veerasagara main road and drain and construction of Samudaya Bhavana at Doddabettahalli village in Attur ward no 03 of Yelahanka Satellite Town Sub Division

Work code:003-14-000046

Technical Maager (west)

Name of contractor and full address :-

Reference to agreement No :- 460

Estimated cost :42.40

W.O.No:460, dt:06/02/2014

Certified that the measurments were taken by me on and recorded on pages 463503 to 463534 of measurment book No 4636 and the work is satisfactorily executed by the contractor.

Signature of contractor

Assistant Engineer

Certified that the measurments were taken by me on and recorded correct.The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-Division Officer

ಸಹಾಯಕ ಉಪವಿಭಾಗಾಧಿಕಾರಿಗಳು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಐ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within	Total Bill +223054:00
2) Deduct amount to be held in reserve being-----percent Rs----------%--------	Ist & Part 28601 02:00
3) Balance---	
4) Deduct payments	II & Final 136295 2:00
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of	
b) Cost of payments/stores or other materials supplied now made recovery of	EJD 68147:00
Amount paid on this bill by cheque/cash	IT 27859:00
Total	ICST 54518:00
5) Balance being unpaid value of work done held in reserve	LWF 1362 9:00
6) Deduct cash of advance made on divisional/sub divisional cash book	CBF 1362:00
7) Net amount due to or from contractor.	LR 15645:00
UN ADJUSTED ITEMS	
8) Advance to contractor for materials to site(as detailed within)	T.D. 180260:00
9) Value of government materials supplied.	
TOTAL AMOUNT UN-ADJUSTED	NCB 1182692:00

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Reciept Stamp

Audited & found correct for Rs. 1362952:00

1182692:00

180260:00

Dated signature of contractor

paid by me cheque No dated

Cash Rs

Date Initials of officer making payment

Date

Executive Engineer

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	KSRB 2-1.1:Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manualluy (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled and after breaking of clods and neatly dressed as per specification Specification No. KBS 2.1(a)/2.3.1 **(P-5 lt,2.1)**	Cum	968.75	122411.00				968.75	122411.00
2	Removing of B.S Slab of Drain and stacking complete as per specification and direction of Engineer in Charge **(P-28 lt,5.32)**	Sqm	537.85	26952.00				537.85	26952.00
3	Re fixing of stone slabs of drain and Pointing in CM (1:3) complete as per specification and direction of Engineer in Charge **(P-28 lt,5.33)**	Sqm	277.50	19436.00				277.50	19436.00
4	Providing granite slabs of selected quality of 7.5cms thick roughly dressed and fixing in cement mortar (1:6) including fixing complete as per specification and direction of Engineer in charge **(P-28 lt,5.31.1)**	Sqm	-52.53	-18041.00				-52.53	-18041.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
5	KSRB 2-2.2Earth work excavation for foundation of building water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in **hardsoil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications.(**P-5, It,-2.4)**	Cum	227.57	51859.00				227.57	51859.00
6	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregate @0.85 cum and fine aggregate @0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **(P-12, It.4.3)**	Cum	58.18	249641.00				58.18	249641.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
7	KSRB 4.2.2:Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20mm and down size graded granite metal coarse aggregates @0.878 cum and fine aggregates @ 0.459 cum, with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed -2008, machine mixed, concrete laid in layres not exceeding 15 cms, thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase,lintles, retaining walls, return walls, walls (any thickness) includng attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills fillets etc, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.KBS 4.1,	Cum	69.85	393937.00				69.85	393937.00
8	KSRB 4.9-1:Providing T.M.T Steel reinforcement for RCC Work including straightening, cutting, bending hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wasstge shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3 **(TMT bars Fe 415 P-19, lt.4.46)**	Qtl	70.87	523072.00				70.87	523072.0

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
9	KSRB 4-6.4:Providing and removing centering, shuttering, strutting proppoing etc, and removal of formwork for Vertical surface such as walls at any thickness including attached pilasters butresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 **(P-17, It.4.31)**	Sqm	517.12	140181.00				517.12	140181.00
10	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m, apart in each course including cost of materials, labour, curing complete as per specifications. **(P-25, It5.6)**	Cum	70.17	244488.00				70.17	244488.00
11	Providing ruled pointing of coursed stone masonry with Cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, abour, HOM of machineries curing etc., complete as per specification and directions of the Engineer-in-charge **(P-122, It.15.3)**	Sqm	121.48	9529.00				121.48	9529.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
12	KSRB 4-1.6:Providing and laying in position plain cement concrete of mix M15 with cement @240kgs with 20mm and down size graded granite metal, coarse aggregate @0.878cum and fine aggregate @0..459 cummachine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. **(P-12, It.4.6)**	Cum	42.95	205258.00				42.95	205258.00
13	Providing and fixing 10 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcopacted cost of all materials labour curing comlete as per specification (Data Rate Approved)	Sqm	249.57	373856.00				249.57	373856.00
14	5.29(b) Providing and fixing Pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with toop and bottom wideth 114 and 165 mm respectively 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, includng form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unoading lead and lift transportatin etc, complete. **(P-28, It.No.5.30)**	Nos	499.00	133652.00				499.00	133652.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
15	KSRRB 15-19.1:Providing and applying ready mix priming coat over concrete/ masonry/asbestos cement sheet/ plastered surfaces including preparing the surface after thoroughly cleaning of oil grease, dirt and other foreign matter, and sand preparing including cost of materials, labour complete as per specifications.**(P-129, It.No.15.80)**	Sqm	142.08	3376.00				142.08	3376.00
16	KSRRB 15-20.1:Providing and applying floor painting with redy mix paint in **two coats** (excluding priming coat) on new concret / asbestos cement sheet / plastered surfaces brushing to give an even shade qafter preparing the surface after throughly cleaning oil, diert, dust other foreign matter and sand preparing including cost of materials, labour, complete as per specifications. **(P-131, It.No.15.83)**	Sqm	142.08	6291.00				142.08	6291.00
17	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH Chapter 1 **(P-150, It.17.1)**	Cum	1196.32	96902.00				1196.32	96902.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
18	Dismantling size stone masonry in clay mortor / line mortor / cement mortor and stacking the bricks with in a radious of 50 mtrs and removing the debris to a distance upto 200 mtr	cum			20.16	136.08	2743.37	20.16	2743.37
19	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1 (b) / 2.3.5 (P.5/I.2.4 PW, P & IWTD -SR	Cum			49.95	211.00	10539.45	49.95	10539.45
20	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 7.5 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2012-13	Cum			19.98	4211.38	84143.37	19.98	84143.37

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
21	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.22/I.5.6 PW, P & IWTD -SR 2012-13)	Cum			18.12	3484.22	63134.07	18.12	63134.07
22	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.22/I.5.9 PW, P & IWTD - SR 2012-13)	Cum			6.36 ~~6.39~~	5208.84	33128 ~~33284.49~~	~~6.39~~ 6.36	~~33284.49~~ 33128
23	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.97/I.15.3 PW, P & IWTD	Sqm			13.50	78.44	1058.94	13.50	1058.94

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
24	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 (P.6/I.2.10 PW, P & IWTD 2012-	Cum			49.95	124.02	6194.80	49.95	6194.80
25	KSRB 4-1.6 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6 PW, P & IWTD -SR 2012-13)	Cum			15.46	4690.50	72515.13	15.46	72515.13

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
26	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications.	Cum			40.49	5535.32	224125.11 224014	40.49	224125.11 224014=00
27	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per	Cum			197 231.53	268.00	52796 62050.04	231.53 197	62050.04 52796

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
28	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2012-13	qntl			42.51	7187.86	305555.93	42.51	305555.93
29	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P.24/I.5.27 PW, P & IWTD --SR 2012-13)	Sqm			103.16	907.36	93603.26	103.16	93603.26
30	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.				64.4 ~~64.45~~	187.62	12033 ~~12092.11~~	64.45	12033 ~~12092.11~~

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
31	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm			68.58	187.62	12866.98	68.58	12866.98
32	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm			137.94	199.28	27488.68	137.94	27488.68
33	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications	Sqm			~~133.03~~ 132.92	19.08	~~2538.21~~ 2532	133.03 ~~132.92~~	~~2538.21~~ 2532
34	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications	Sqm			133.03 132.92	79.50	~~10575.89~~ 10551	133.03 ~~132.92~~	~~10575.89~~ 10551

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total al Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
35	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications	Sqm			137.94	51.94	7164.60	137.94	7164.60
36	KSRB 9.4-1 : Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33	Cum			0.23	105456.22	24254.93	0.23	24254.93
37	KSRB 9.5-1 : Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm			2.10	4501.82	9453.82	2.10	9453.82

No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
38	KSRB 9-16.2 : Providing and fixing in position Teak wood fully panelled shutters for windows with styles and rails of 35mm. thick, 75mm wide in two halves with panels of 25mm thick including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm			3.24	4753.04	15399.85	3.24	15399.85
39	Providing and fixing thems bars to windows and ventilators incldiuing cutting making holes in frame work with two coats of approved parawith all lead	Kgs			71.28	110.24	7857.91	71.28	7857.91
40	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications	Sqm			7.44	78.44	583.59	7.44	583.59
41	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete	Sqm			39.64	1456.44	57733.28	39.64	57733.28

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
42	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including	Sqm			~~57.75~~ 55	779.10	~~44993.03~~ 42850	~~57.75~~ 55	~~44993.03~~ 42850
	proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications						0.00	0.00	0.00

No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
43	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 110 mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications	rmts			14.40	595.72	8578.37	14.40	8578.37
53	Providing and fixing MS grill over exisiting compound wall as per using b16mmx16mm MS square rod at 150mm c/c spacing and 6mmx40mm MS flats at horizontal and 6mmx12mm MS flat for ornamtntal design and providing shp edge design at the verify of every vertical roads, incldung welding grinding hereve necessray All the steel surface should be throughly cleaned free of rust and paited with and ect.. as pers pecification (Pg.47, Item No 7.36)	Sqm			5.00	5857.56	29287.80	5.00	29287.80
54	Providing and fixing M S Gate as per chief architec drawing using 50mx50mm 14 guage MS Halolow pipe framte work bent to ornamental shape as shown in he drawing nd 35m x 6mm and 16x16 mm square roads for for vetrticals alternatively spaced at 4 cmc c/c in two halevs and 40mmx6mm M S Flats for horiozontal member and at the top cast iron spikes and provided at aletnative vertical members as shown in the draiwn	Sqm			3.00	3281.76	9845.28	3.00	9845.28
		TOTAL	2582800.00		1227885		~~1239662.28~~		3822462.28
		11% KRIDL	284108.00		135067		136362.85		420470.85
		1% QU Charges	25828.00		—		12396.62		38224.62
		G TOTAL	2892736.00		1362952		1388421.76		4239000.00

Asst. Engineer
Ward no:03

Asst. Executive Engineer
Yelahanka New Town Sub Division